

CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300
202) 624-2500

CUSTOMER NO.
23911

October 16, 2003

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: New U.S. Patent Appln.
Our Ref: 100375.54418US

Sir:

Transmitted herewith for filing is the patent application of:

MICHAEL WEST ET AL.

entitled: **Method Using Gene Trapped Stem Cells For Making Pathways Of
Stem Cell Differentiation And Making An Isolating Differentiated
Cells**

Enclosed are:

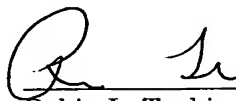
1. Specification, including 157 claims (total pages 149).
2. 4 Sheets of Formal drawings showing Figs. 1-4.
3. Application Data Sheet

The filing fee has been calculated as shown below:

Basic Fee					\$385/770	= \$ 770.00
Total Claims	<u>157</u>	-	20	=	<u>137</u>	x \$9/18 = \$2,466.00
Independent Claims	<u>10</u>	-	3	=	<u>7</u>	x \$43/86 = \$602.00
Multiple Dependent Claim Presented					\$145/290	= \$
Total Filing Fee						<u>\$3,838.00</u>

The filing fee is being deferred at this time.

Respectfully submitted,



Robin L. Teskin
Reg. No. 35,030

RLT:mld

